

Amendment to the Specification

Please replace the paragraph beginning at page 3, line 12, with the following rewritten paragraph:

~~Figure 2.~~Figures 2A-2B. (A) Elution profile of the CM of SF-9 cells expressing FGF 98 on a Heparin Sepharose (HS) affinity column. Figure 2(B) shows the OD profile of the 0.5M, 1M and 2M NaCl (● - ●) fractions together with the bioactivity profile of the various fractions (0) when tested on granulosa cells.

Please replace the paragraph beginning at page 3, line 16, with the following rewritten paragraph:

~~Figure 3.~~Figures 3A-3B. (A) shows SDS-PAGE analysis of the 2M NaCl fractions followed by Coomassie blue staining, indicating the presence of a single band with a MW of 28 kDa in the peak fractions of the 2M NaCl eluate (frac. 13, 14). Figure 3(B) shows Western analysis using an anti-peptide FGF 98 antibody of the HS fractions shown in Figure 2A. A single band with a MW of 28 kD is seen in fractions 12 to 16 corresponding to the 2M NaCl fractions.

Please replace the paragraph beginning at page 4, line 1, with the following rewritten paragraph:

~~Figure 5.~~Figures 5A-5B. (A) SDS-PAGE of the RP-HPLC fractions shown in Figure 4. When stained by Coomassie blue, both Fractions ~~22 and 23~~ and 24 gave a single band with a MW of 28 kDa. Figure 5(B). When analyzed by Western using an FGF 98 anti-peptide antibody both Fractions ~~22 and 23~~ and 24 were recognized as a single band with a MW of 28 kDa.

Please replace the paragraph beginning at page 4, line 9, with the following rewritten paragraph:

~~Figure 7.~~Figures 7A-7B. (A) SDS-PAGE of the 1M and 2M NaCl fractions of Figure 6 followed by Coomassie blue staining. Figure 7(B). Western analysis of the 1M and 2M NaCl fractions of Figure 6 using a specific FGF 98 antipeptide antibody.

Please replace the paragraph beginning at page 4, line 26, with the following rewritten paragraph:

~~Figure 11.~~Figures 11A-11B. Panel A is a photograph of bFGF-treated rat primary hippocampal cell cultures, showing some nestin expression. Panel B shows a separate culture of cells treated with FGF 98 of the invention. More extensive nestin expression is seen.

Please replace the paragraph beginning at page 5, line 1, with the following rewritten paragraph:

~~Figure 12.~~Figures 12A-12B. Panel A shows FGF 98 mRNA expression in adult brain stem and cerebellum. Panel B shows a high magnification of FGF 98 mRNA expression in motor neurons of the facial nucleus.

Please replace the paragraph beginning at page 38, line 38, with the following rewritten paragraph:

Peptide sequence: H-KRYPKGQPELQKPFK-OH (SEQ ID NO:6) (KLH)
peptide, synthesized by Research Genetics, Huntsville, AL.